# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 00:00 on Wednesday 31 Jan 2024 until 23:59 on Thursday 01 Feb 2024

Forecast Issued on Tuesday 30 Jan 2024 at 13:11

**Confidence:** High for general themes, medium for timing of the changes

**Headline for Wednesday 31 Jan 2024:** Cloudy with hill fog becoming more widespread. A dry morning then heavy rain in afternoon, turning to snow on summits before clearing in evening. Very windy with storms on the tops and locally severe gales to low levels

**Mountain weather hazards on Wednesday 31 Jan 2024**

**Blizzards**
No Likelihood

**Gales**
High Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Severe chill effect**
High Likelihood

**Heavy persistent rain**
Medium Likelihood

**Storm force winds**
Medium Likelihood

**Poor visibility**
High Likelihood

**Strong sunlight**
No Likelihood

**Weather and chance of precipitation at 800m**

| Time | | | | | | | |
|---|---|---|---|---|---|---|---|
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Cloudy | Cloudy | Fog | Fog | Fog | Heavy Rain | Light snow showers (night) | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 00% | 00% | 00% | 10% | 20% | 90% | 40% | 10% |

**Forecast for Wednesday 31 Jan 2024**

**Weather:** Dry overnight and in the morning though cloud thickening and lowering. Some light rain by early afternoon turning heavy by mid afternoon, lasting a few hours. Around dusk turning colder with rain turning to snow down to about 600-700m but this not lasting long before it turns clearer and drier in the evening.

**Chance of cloud-free hill tops above 800m:** Less than 10% through daylight hours improving after dark.

**Low cloud and visibility:** Extensive cloud 600-800m lowering 400-500m in south and west in the afternoon, with poor visibility in heavier rain and snow, cloud breaking and lifting mainly above summits during the evening with good visibility.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Wednesday 31 Jan 2024**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 34/42 SW | 39/48 SW | 42/53 SW | 48/60 SW | 54/69 SW | 53/68 SW | 34/43 NW | 33/43 W | 29/39 W |
| **600** | 30/40 SW | 34/46 SW | 37/49 SW | 39/54 SW | 44/61 SW | 42/58 SW | 24/35 NW | 25/37 W | 23/35 W |
| **300** | 12/31 SW | 14/36 SW | 15/38 SW | 15/40 SW | 18/47 SW | 16/47 SW | 10/29 NW | 11/32 NW | 12/31 W |
| **Valley** | 11/27 SW | 12/30 SW | 14/33 SW | 15/37 SW | 19/44 SW | 19/46 SW | 10/26 NW | 9/26 W | 11/26 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | -0/-8 | -0/-9 | -0/-10 | 0/-10 | 2/-8 | 3/-6 | -1/-9 | -1/-10 | -2/-10 |
| **600** | 2/-6 | 2/-6 | 2/-6 | 2/-6 | 3/-4 | 5/-3 | 2/-5 | 1/-6 | 1/-6 |
| **300** | 4/-1 | 4/-1 | 4/-1 | 4/-0 | 6/1 | 6/2 | 4/0 | 3/-1 | 3/-1 |
| **Valley** | 6/2 | 6/3 | 6/3 | 7/3 | 8/4 | 8/4 | 6/3 | 5/3 | 6/2 |
| **Freezing Level*** | 800m | 800m | 800m | 1000m | 1500m | 1800m | 800m | 600m | 600m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

There could be a few gusts to 60mph at low levels

**Forecast for Thursday 01 Feb 2024**

**Weather:** Dry and quite bright during the day becoming overcast in the evening with hill fog and some drizzle.

**Maximum wind:** Westerly 25 gusts 35mph becoming southwest 35 gusts 45mph in evening

**Chance of cloud-free hill tops above 800m:** 80% by day, falling 10% in evening

**Low cloud and visibility:** Patchy cloud above 750m by day with good visibility underneath then extensive cloud lowering 400-600m in evening with occasionally poor visibility underneath in drizzle.

**Temperature:** **Valleys:** Plus 7 Celsius
**At 800m:** Minus 1 Celsius rising to Plus 3 in the evening
**Freezing level:** 700m rising above summits in the evening

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# Mountain Weather Forecast

**Ground Conditions Supplement**

Date: Tuesday 30 January 2024 Full report: A cloudy morning soon cleared to leave a beautiful day with plenty of sunshine. The snowline is now down to roughly 500m and owing to yesterday's wet conditions, there is also some ice present on exposed rock.

Steep and exposed routes such as Swirral and Striding edge are in winter condition, and Swirral edge in particular still holds patches of old, hard, and icy snow. The summit plateau was very white today and some of the paths are obscured/buried under snow meaning that good navigation is required in poor conditions. The windchill (feels-like) temperature on the tops today was around -7ºC and anyone who stood still even for short periods would get cold very quickly. Full winter clothing (warm and waterproof) including hats and gloves and equipment including a map, compass, and headtorch are all essential.  Microspikes, walking poles, and goggles may also be a sensible addition to your rucksack. Anyone planning routes over steep and exposed ground are advised to carry an ice axe and crampons/microspikes. Location: Dollywaggon Pike summit at 12:09 Temperature: minus 1.5 C, Maximum wind speed 14.1 mph, Wind chill: minus 7.5 C, Average wind speed: 10.5 mph

Issued at: 1311 on Tue 30 Jan 2024

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